

WHAT IS CLAIMED IS:

1. A print processing method for executing print processing upon exchanging print information with a device connected via a network, comprising:
 - 5 a step of submitting print information, which has been generated by one device, to another device and starting a print job;
 - a detection step of detecting whether a failure has occurred on the side of the one device during the
 - 10 submission of the print information;
 - a step of determining to abort, suspend or resume processing of a print job, which is currently being submitted, in accordance with the detection made at said detection step; and
 - 15 a step of reporting abort, suspension or resumption of processing to the other device, which receives the print information, as notification of control of the print job in accordance with the determination made.
- 20 2. A print processing method for executing print processing upon exchanging print information with a device connected via a network, comprising the steps of:
 - receiving print information, which has been generated by one device, at another device and starting
 - 25 a print job based upon the print information received;
 - receiving notification of control of the print job

reported from the side of said one device during processing of the print job started;

determining to suspend or resume the print job on the basis of the received notification of control of the
5 print job; and

if a print job is submitted during suspension of the first-mentioned print job, executing processing of the other print job until said first-mentioned print job is resumed.

10

3. A print processing method for executing print processing upon exchanging print information with a device connected via a network, comprising the steps of:

processing, by the method set forth in claim 1,
15 print information that has been generated on a data transmitting side; and

processing the print information, which has been processed by the method set forth in claim 1, by the method set forth in claim 2 on a side that receives the
20 print information.

4. The method according to claim 1, wherein in a case where a failure that occurred is eliminated at detection performed at said step for detecting whether a failure
25 has occurred, said determining step determines to resume processing of the suspended print job.

5. The method according to claim 1, wherein in a case where a failure that occurred is eliminated at detection performed at said step for detecting whether a failure has occurred, said determining step determines to resume
5 processing of the suspended print job.

6. A storage medium storing a program for executing print processing upon exchanging print information with a device connected via a network, the program having:

10 code of a step of submitting print information, which has been generated by one device, to another device and starting a print job;

code of a detection step of detecting whether a failure has occurred on the side of the one device
15 during the submission of the print information;

code of a step of determining to abort, suspend or resume processing of a print job, which is currently being submitted, in accordance with the detection made at said detection step; and

20 code of a step of reporting abort, suspension or resumption of processing to the other device, which receives the print information, as notification of control of the print job in accordance with the determination made.

25

7. A storage medium storing a program for executing

print processing upon exchanging print information with a device connected via a network, the program having:

- code of a step of receiving print information, which has been generated by one device, at another 5 device and starting a print job based upon the print information received;
- code of a step of receiving notification of control of the print job reported from the side of the one device during processing of the print job started;
- 10 code of a step of determining to suspend or resume the print job on the basis of the received notification of control of the print job; and
 - if a print job is submitted during suspension of the first-mentioned print job, code of a step of 15 executing processing of the other print job until the first-mentioned print job is resumed.

8. A storage medium storing a program for executing print processing upon exchanging print information with 20 a device connected via a network, the program having:

- code of a step of processing, by the method set forth in claim 1, print information that has been generated on a data transmitting side; and
- code of a step of processing the print information, 25 which has been processed by the method set forth in claim 1, by the method set forth in claim 2 on a side

that receives the print information.

9. The storage medium according to claim 6, wherein in
a case where a failure that occurred is eliminated at
5 detection performed by the code of said step for
detecting whether a failure has occurred, the code of
said determining step determines to resume processing of
the suspended print job.

10 10. The storage medium according to claim 7, wherein in
a case where a failure that occurred is eliminated at
detection performed by the code of said step for
detecting whether a failure has occurred, the code of
said determining step determines to resume processing of
15 the suspended print job.

11. A printing control system for executing print
processing upon exchanging print information with a
device connected via a network, comprising:

20 means for submitting print information, which has
been generated by one device, to another device and
starting a print job;
· detection means for detecting whether a failure has
occurred on the side of the one device during the
25 submission of the print information;
means for determining to abort, suspend or resume

processing of a print job, which is currently being submitted, in accordance with the detection made by said detection means; and

means for reporting abort, suspension or resumption
5 of processing to the other device, which receives the print information, as notification of control of the print job in accordance with the determination made.

10 ~~12.~~ A printing control system for executing print processing upon exchanging print information with a device connected via a network, comprising:

means for receiving print information, which has been generated by one device, at another device and starting a print job based upon the print information
15 received;

means for receiving notification of control of the print job reported from the side of the one device during processing of the print job started;

means for determining to suspend or resume the
20 print job on the basis of the received notification of control of the print job; and

means which, if a print job is submitted during suspension of the first-mentioned print job, is for executing processing of the other print job until said
25 first-mentioned print job is resumed.

13. A printing control system for executing print processing upon exchanging print information with a device connected via a network, comprising:

means for controlling printing of print
5 information, which has been generated on a data transmitting side, by the method set forth in claim 1;
and

means for controlling printing of print
information, which has been processed by the method set
10 forth in claim 1, by the method set forth in claim 2 on
a side that receives the print information.

14. The system according to claim 11, wherein in a case where a failure that occurred is eliminated at detection
15 performed by said means for detecting whether a failure has occurred, said determining means determines to resume processing of the suspended print job.

15. The system according to claim 12, wherein in a case where a failure that occurred is eliminated at detection
20 performed by said means for detecting whether a failure has occurred, said determining means determines to resume processing of the suspended print job.

25 16. The system according to claim 11, wherein devices connected via the network include a copier.

17. The system according to claim 12, wherein devices connected via the network include a copier.

18. The system according to claim 13, wherein devices
5 connected via the network include a copier.

19. A printing control apparatus for transmitting print information via a network to cause another apparatus to perform printing, comprising:

10 submitting means for submitting a print job to the other apparatus, said print job consisting of print information that has been generated by scanning in a document; and

15 command transmitting means for transmitting a command to abort processing of a currently submitted print job to the other apparatus in accordance with a failure that has occurred in said printing control apparatus during submission of the print job.

20 20. The apparatus according to claim 19, wherein said printing control apparatus is a copier.

21. A printing control apparatus for transmitting print information via a network to cause another apparatus to perform printing, comprising:
25

submitting means for submitting a print job to the

other apparatus, said print job consisting of print information that has been generated by scanning in a document; and

command transmitting means for transmitting a
5 command to suspend processing of a currently submitted print job to the other apparatus in accordance with a failure that has occurred in said printing control apparatus during submission of the print job.

10 22. The apparatus according to claim 21, wherein said printing control apparatus is a copier.

23. The apparatus according to claim 21, wherein said command transmitting means transmits a command to resume
15 processing of a currently submitted print job to the other apparatus in accordance with elimination of the failure; and

said other apparatus halts processing of the
currently submitted print job until a command to resume
20 processing of the print job is received following receipt of the command to suspend processing of the print job.

24. A printing control apparatus for transmitting print
25 information via a network to cause another apparatus to perform printing, comprising:

submitting means for submitting a print job to the other apparatus, said print job consisting of print information that has been generated by scanning in a document;

5 determination means for determining whether to abort or suspend processing of a currently submitted print job in accordance with a failure that has occurred in said printing control apparatus during submission of the print job; and

10 command transmitting means for transmitting a command to abort or a command to suspend processing of a currently submitted print job to the other apparatus in accordance with the determination made by said determination means.

15

25. The apparatus according to claim 24, wherein said printing control apparatus is a copier.

20 26. A printing control method for transmitting print information via a network to cause another apparatus to perform printing, comprising:

25 a submitting step of submitting a print job from one apparatus to the other apparatus, said print job consisting of print information that has been generated by scanning in a document; and

a command transmitting step of transmitting a

command to abort processing of a currently submitted print job from said one apparatus to the other apparatus in accordance with a failure that has occurred in said one apparatus during submission of the print job.

5

27. A printing control method for transmitting print information via a network to cause another apparatus to perform printing, comprising:

a submitting step of submitting a print job from
10 one apparatus to the other apparatus, said print job consisting of print information that has been generated by scanning in a document; and

a command transmitting step of transmitting a command to suspend processing of a currently submitted
15 print job from said one apparatus to the other apparatus in accordance with a failure that has occurred in said one apparatus during submission of the print job.

28. A printing control method for transmitting print information via a network to cause another apparatus to perform printing, comprising:

a submitting step of submitting a print job from one apparatus to the other apparatus, said print job consisting of print information that has been generated
25 by scanning in a document;

a determination step of determining whether to

abort or suspend processing of a currently submitted print job in accordance with a failure that has occurred in said one apparatus during submission of the print job; and

- 5 a command transmitting step of transmitting a command to abort or a command to suspend processing of a currently submitted print job from said one apparatus to the other apparatus in accordance with the determination made by said determination means.